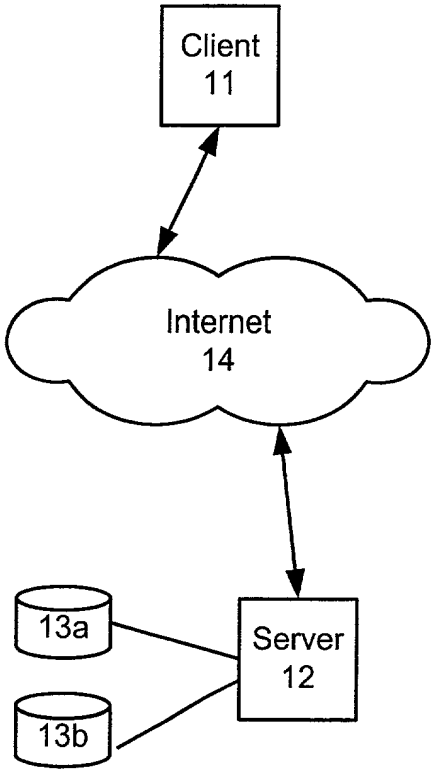
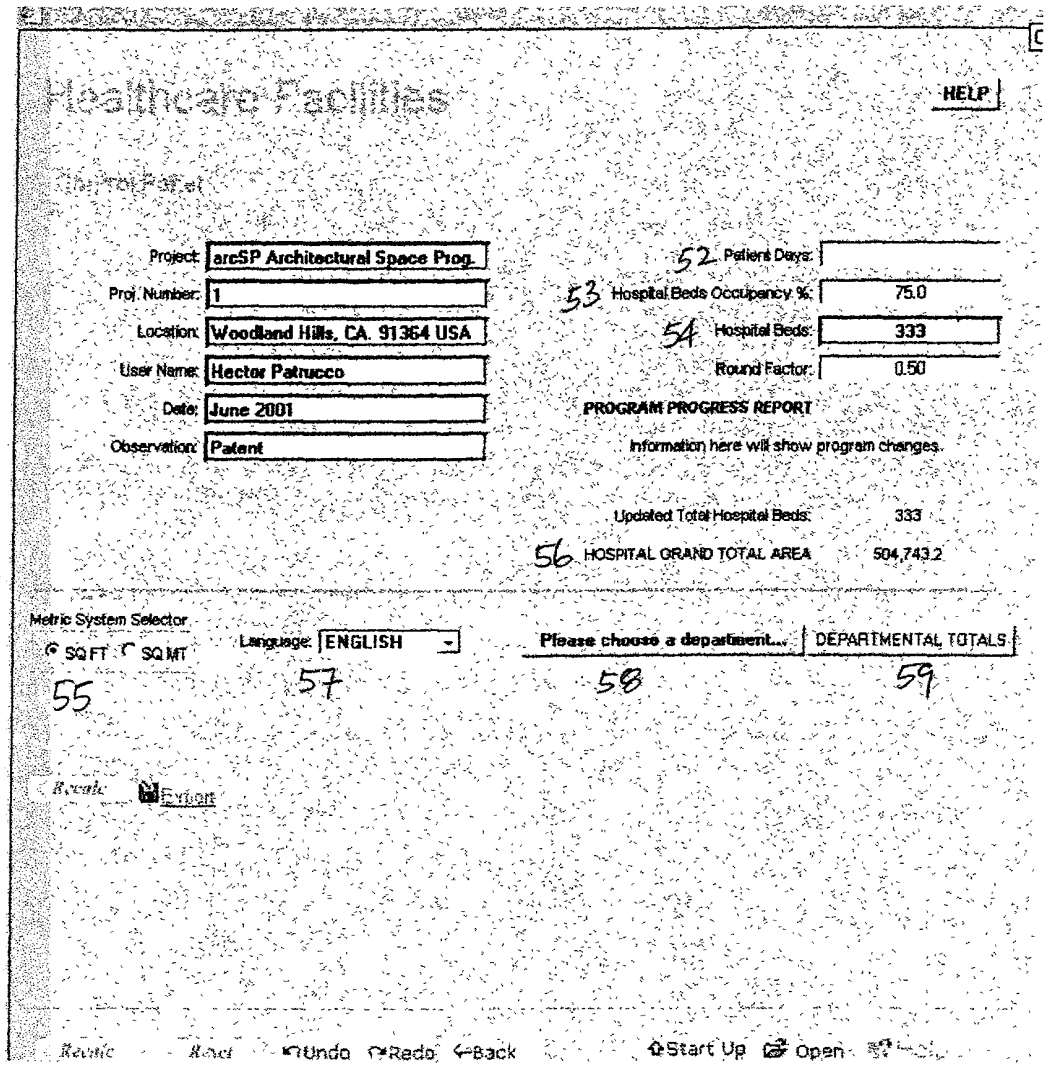


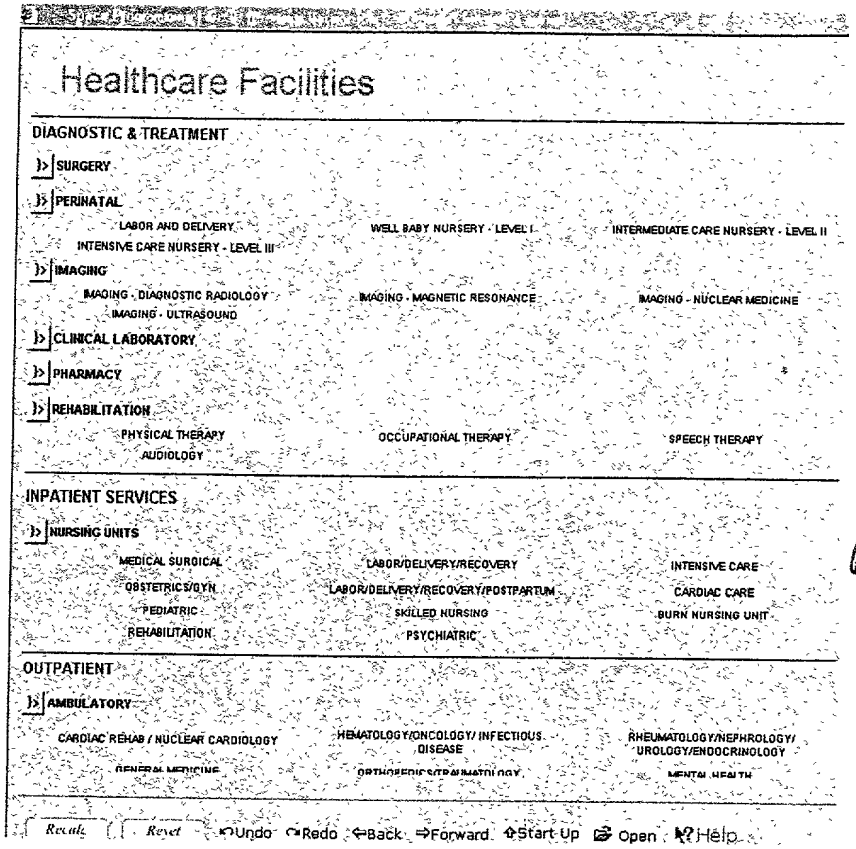
10

Figure 1


Healthcare Facilities
HELP
Project: arcSP Architectural Space Prog.
Proj. Number: 1
Location: Woodland Hills, CA. 91364 USA
User Name: Hector Patrucco
Date: June 2001
Observation: Patent
52 Patient Days:
53 Hospital Beds Occupancy %: 75.0
54 Hospital Beds: 333
Round Factor: 0.50
PROGRAM PROGRESS REPORT
Information here will show program changes.
Updated Total Hospital Beds: 333
56 HOSPITAL GRAND TOTAL AREA 504,743.2
Metric System Selector
SQ FT SQ MT
Language: ENGLISH
Please choose a department...
DEPARTMENTAL TOTALS
55
57
58
59
Undo
Redo
Back
Start Up
Open

50

FIG. 2



62

64

66

Figure 3

60

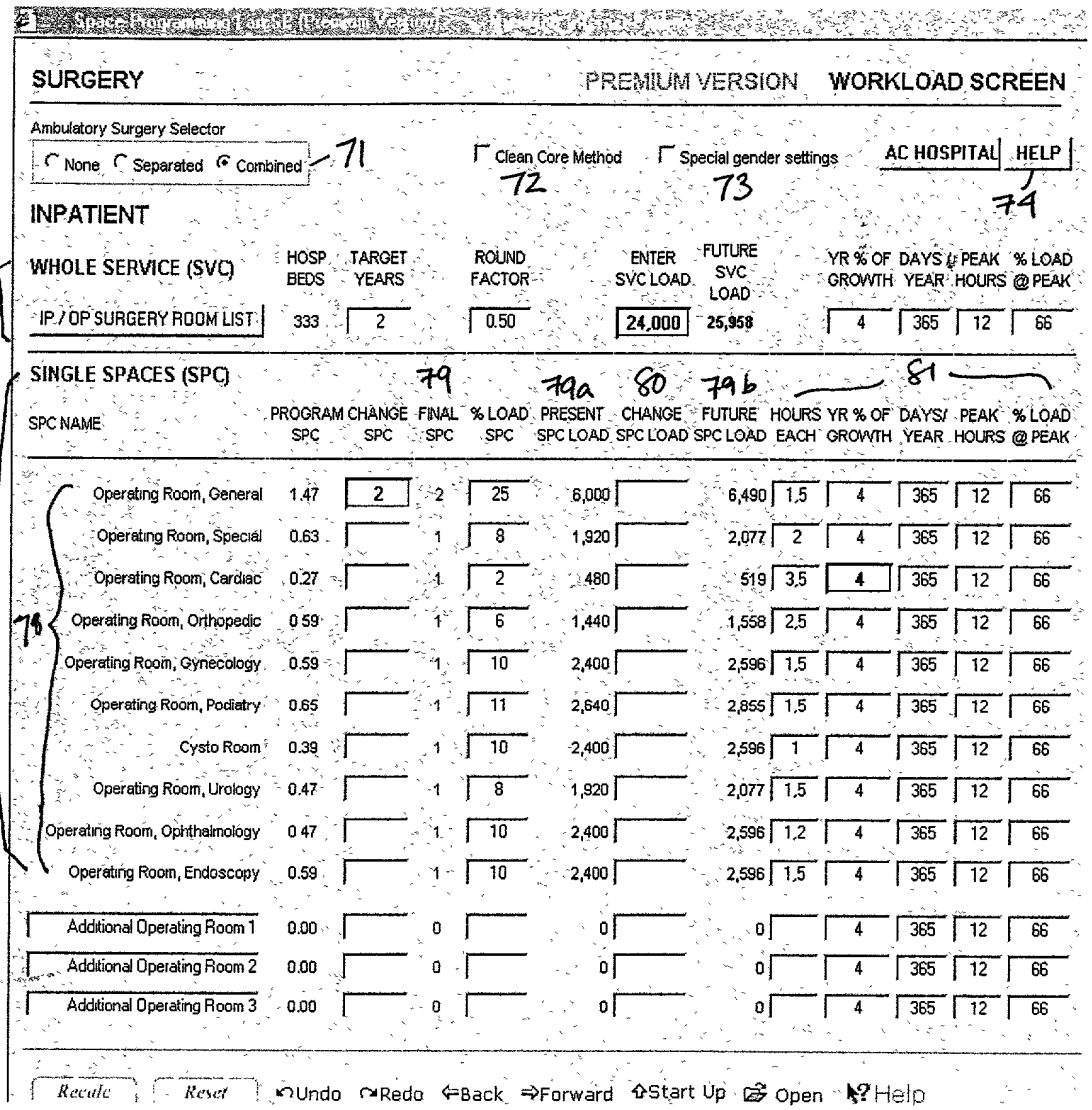
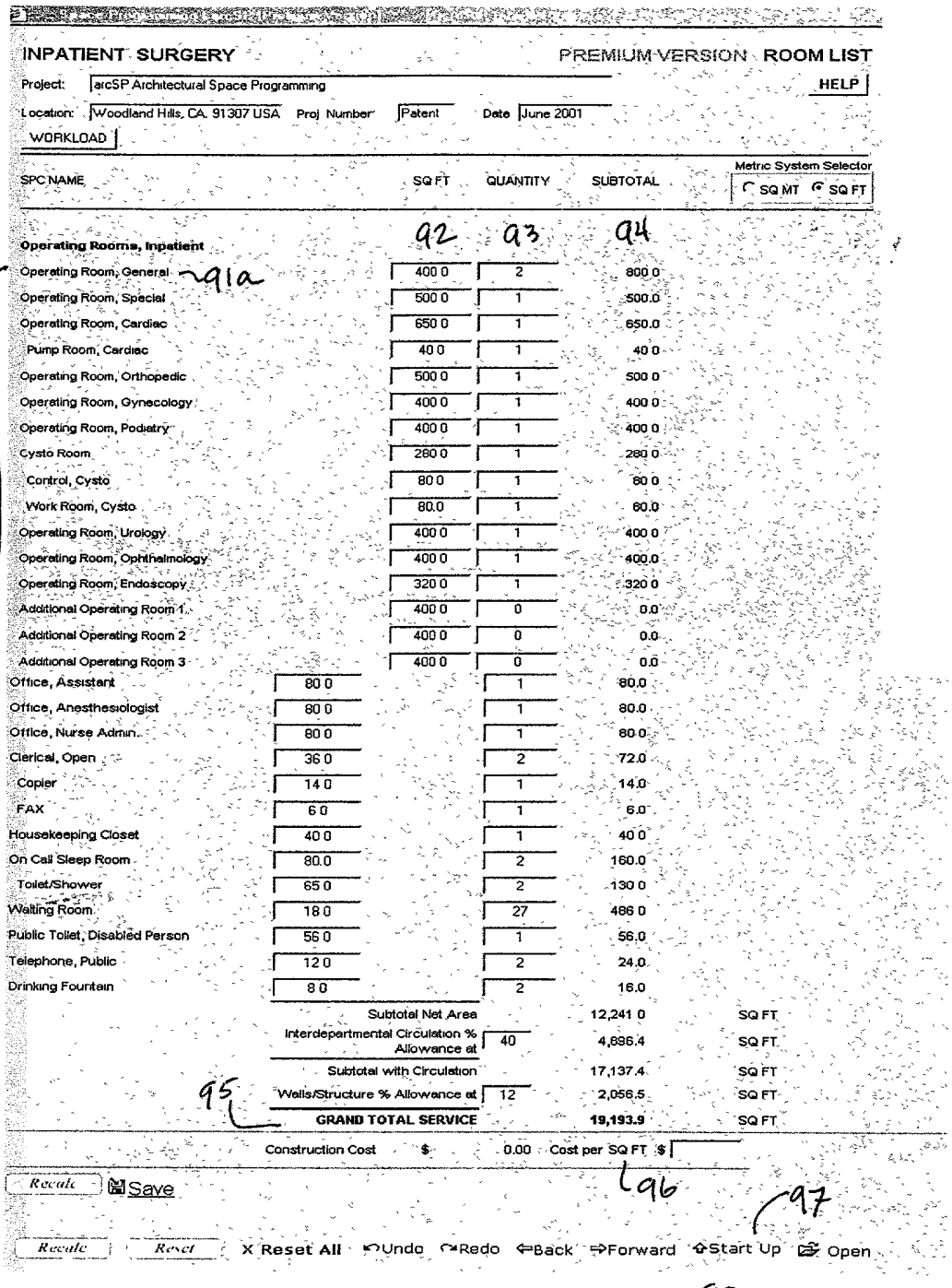

SURGERY
PREMIUM VERSION WORKLOAD SCREEN
Ambulatory Surgery Selector
None Separated Combined
71
Clean Core Method
72
Special gender settings
73
AC HOSPITAL
HELP
74
INPATIENT
WHOLE SERVICE (SVC)
HOSP BEDS
TARGET YEARS
ROUND FACTOR
ENTER SVC LOAD
FUTURE SVC LOAD
YR % OF GROWTH
DAYS / YEAR
PEAK HOURS
% LOAD @ PEAK
75
IP / OP SURGERY ROOM LIST
333
2
0.50
24,000
25,958
4
365
12
66
SINGLE SPACES (SPC)
79
79a
80
79b
81
SPC NAME
PROGRAM SPC
CHANGE SPC
FINAL SPC
% LOAD SPC
PRESENT SPC LOAD
CHANGE SPC LOAD
FUTURE SPC LOAD
HOURS EACH
YR % OF GROWTH
DAYS / YEAR
PEAK HOURS
% LOAD @ PEAK
76
78
Operating Room, General 1.47 2 2 25 6,000 6,490 1.5 4 365 12 66
Operating Room, Special 0.63 1 8 1,920 2,077 2 4 365 12 66
Operating Room, Cardiac 0.27 1 2 480 519 3.5 4 365 12 66
Operating Room, Orthopedic 0.59 1 6 1,440 1,558 2.5 4 365 12 66
Operating Room, Gynecology 0.59 1 10 2,400 2,596 1.5 4 365 12 66
Operating Room, Podiatry 0.65 1 11 2,640 2,855 1.5 4 365 12 66
Cysto Room 0.39 1 10 2,400 2,596 1 4 365 12 66
Operating Room, Urology 0.47 1 8 1,920 2,077 1.5 4 365 12 66
Operating Room, Ophthalmology 0.47 1 10 2,400 2,596 1.2 4 365 12 66
Operating Room, Endoscopy 0.59 1 10 2,400 2,596 1.5 4 365 12 66
Additional Operating Room 1 0.00 0 0 0 4 365 12 66
Additional Operating Room 2 0.00 0 0 0 4 365 12 66
Additional Operating Room 3 0.00 0 0 0 4 365 12 66
Recalc
Reset
Undo
Redo
Back
Forward
Start Up
Open
Help
70

Figure 4



INPATIENT SURGERY — PREMIUM VERSION ROOM LIST

Project: arcSP Architectural Space Programming — HELP

Location: Woodland Hills, CA. 91307 USA Proj Number: Patent Date: June 2001

WORKLOAD

Metric System Selector: SQ MT / SQ FT

SPC NAME		SQ FT	QUANTITY	SUBTOTAL	
		92	93	94	
Operating Rooms, Inpatient					
Operating Room, General		400 0	2	800 0	
Operating Room, Special		500 0	1	500.0	
Operating Room, Cardiac		650 0	1	650.0	
Pump Room, Cardiac		40 0	1	40 0	
Operating Room, Orthopedic		500 0	1	500 0	
Operating Room, Gynecology		400 0	1	400 0	
Operating Room, Podiatry		400 0	1	400 0	
Cysto Room		280 0	1	280 0	
Control, Cysto		80 0	1	80 0	
Work Room, Cysto		80.0	1	60.0	
Operating Room, Urology		400 0	1	400 0	
Operating Room, Ophthalmology		400 0	1	400.0	
Operating Room, Endoscopy		320 0	1	320 0	
Additional Operating Room 1		400 0	0	0.0	
Additional Operating Room 2		400 0	0	0.0	
Additional Operating Room 3		400 0	0	0.0	
Office, Assistant	80 0		1	80.0	
Office, Anesthesiologist	80 0		1	80.0	
Office, Nurse Admin.	80 0		1	80.0	
Clerical, Open	36 0		2	72.0	
Copier	14 0		1	14.0	
FAX	6 0		1	6.0	
Housekeeping Closet	40 0		1	40 0	
On Call Sleep Room	80.0		2	160.0	
Toilet/Shower	65 0		2	130 0	
Waiting Room	18 0		27	486 0	
Public Toilet, Disabled Person	56 0		1	56.0	
Telephone, Public	12 0		2	24.0	
Drinking Fountain	8 0		2	16.0	
		Subtotal Net Area		12,241 0	SQ FT
		Interdepartmental Circulation % Allowance at 40		4,896.4	SQ FT
		Subtotal with Circulation		17,137.4	SQ FT
		Walls/Structure % Allowance at 12		2,056.5	SQ FT
		GRAND TOTAL SERVICE		**19,193.9**	SQ FT

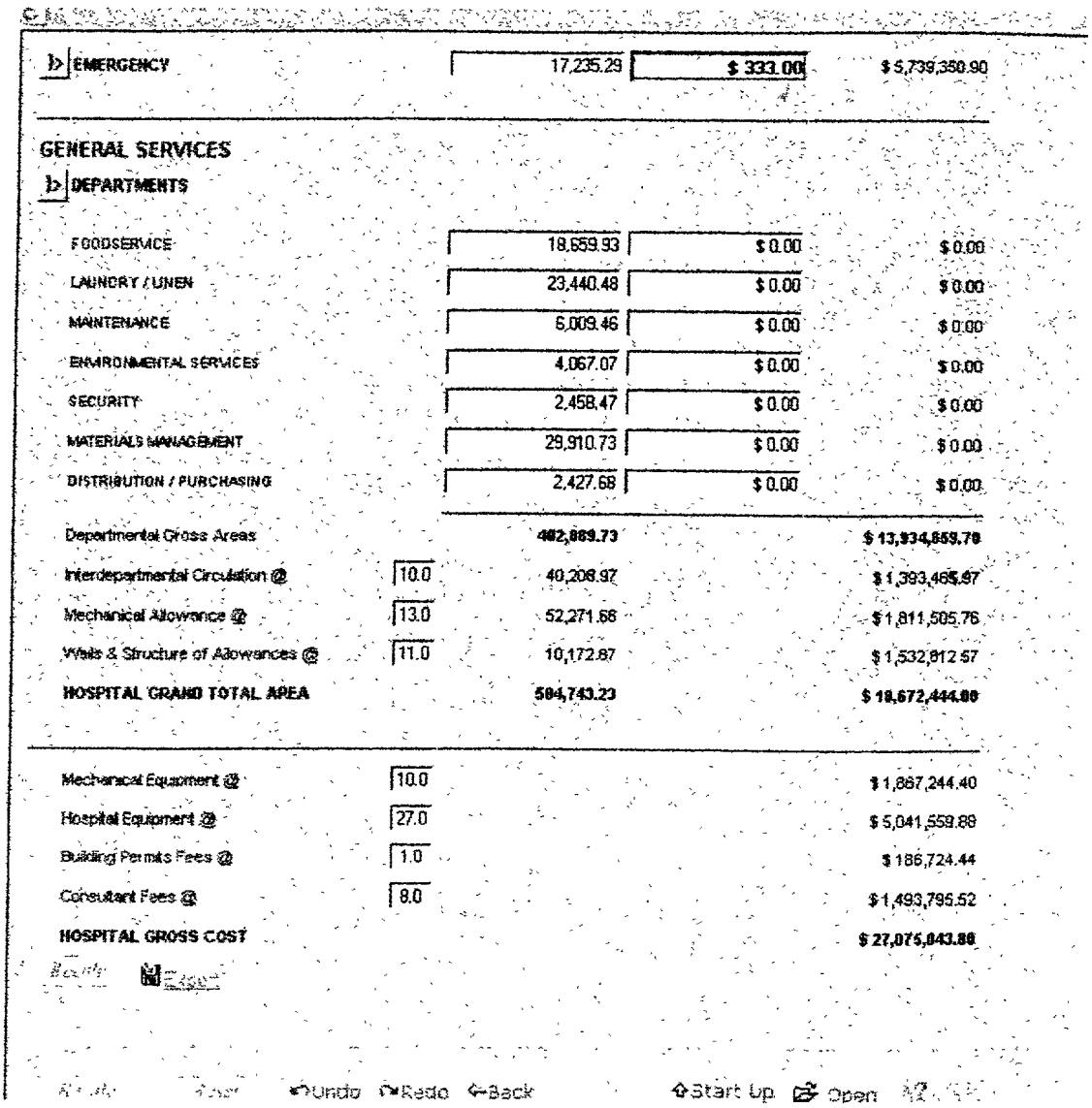
Construction Cost $ 0.00 Cost per SQ FT $

Recalc | Save

Recalc | Reset | X Reset All | Undo | Redo | Back | Forward | Start Up | Open

91 91a 95 96 97 90

Figure 5

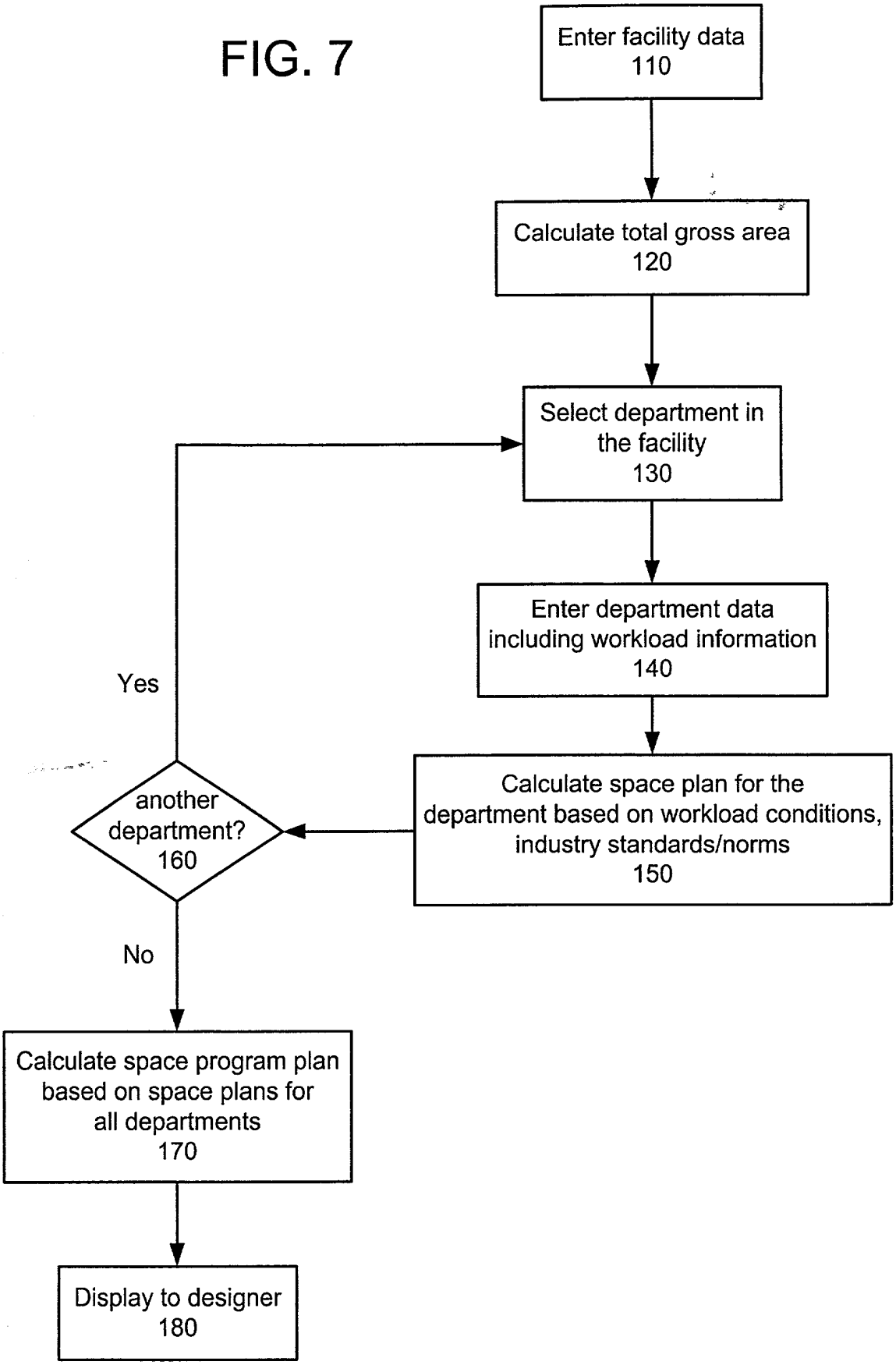


EMERGENCY		17,235.29	$ 333.00	$ 5,739,350.90
GENERAL SERVICES				
DEPARTMENTS				
FOODSERVICE		18,659.93	$ 0.00	$ 0.00
LAUNDRY / LINEN		23,440.48	$ 0.00	$ 0.00
MAINTENANCE		6,009.46	$ 0.00	$ 0.00
ENVIRONMENTAL SERVICES		4,067.07	$ 0.00	$ 0.00
SECURITY		2,458.47	$ 0.00	$ 0.00
MATERIALS MANAGEMENT		29,910.73	$ 0.00	$ 0.00
DISTRIBUTION / PURCHASING		2,427.68	$ 0.00	$ 0.00
Departmental Gross Areas		482,869.73		$ 13,934,859.78
Interdepartmental Circulation @	10.0	40,208.97		$ 1,393,485.97
Mechanical Allowance @	13.0	52,271.66		$ 1,811,505.76
Walls & Structure of Allowances @	11.0	10,172.87		$ 1,532,812.57
HOSPITAL GRAND TOTAL AREA		**584,743.23**		**$ 18,672,444.08**
Mechanical Equipment @	10.0			$ 1,867,244.40
Hospital Equipment @	27.0			$ 5,041,559.88
Building Permits Fees @	1.0			$ 186,724.44
Consultant Fees @	8.0			$ 1,493,795.52
HOSPITAL GROSS COST				**$ 27,075,843.88**

Undo Redo Back Start Up Open

FIG. 6

FIG. 7


Enter facility data
110
Calculate total gross area
120
Select department in the facility
130
Enter department data including workload information
140
Calculate space plan for the department based on workload conditions, industry standards/norms
150
another department?
160
Yes
No
Calculate space program plan based on space plans for all departments
170
Display to designer
180